

Remedial Action Implementation Update

**Remedial Action for IR Sites 07 and 18 at Parcel B
Soil Hotspot Locations at Parcels B, D-1, and G
and Soil Stockpiles at Parcels D-1 and G**

HPS BCT Meeting

April 26, 2011



Presentation Outline



- Update on RA activities in progress
 - IR Sites 07 and 18 Soil Cover
 - Parcels B, D-1, and G Soil Hotspot Remediation
 - Parcels D-1 and G Soil Stockpile Removal
- IR Sites 07 and 18 Soil Cover Design Details
- RA Completion Schedule
- RA Implementation Photos



RA Activities In Progress



IR Sites 07 and 18 Soil Cover

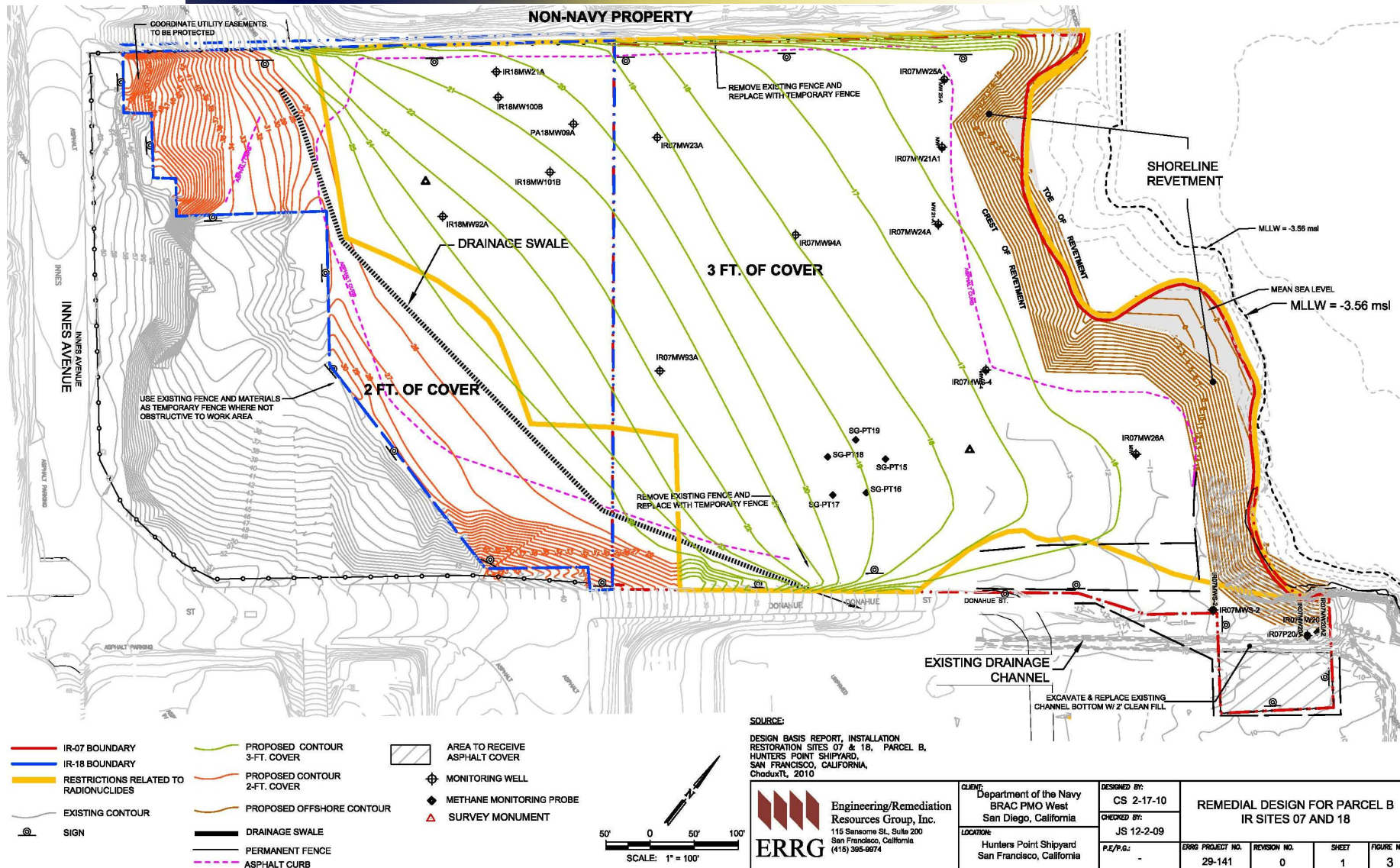
- Remobilized soil offloading barge and began cover soil import at a rate of 3,600 tons per day
- Imported and placed approx. 31,600 tons (including period prior to wet weather delay) (approx 30% of soil cover)
- Demarcation layer installation in progress (orange filter fabric with detectable tape place along 10' squares)

Parcels B, D-1, and G Soil Hotspot Removal and Parcels D-1 and G Soil Stockpile Removal

- Field work complete and Internal Draft RACR submitted to the Navy for review

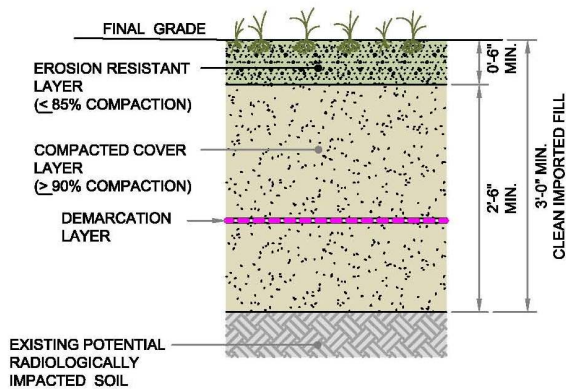


Soil Cover Design

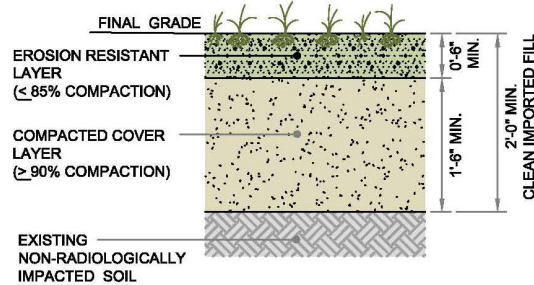




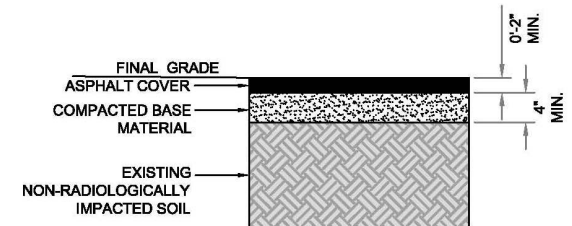
Soil Cover Details



COVER OVER POTENTIAL RADIOLOGICALLY IMPACTED AREA (3 FOOT COVER)
NOT TO SCALE



COVER OVER NON-RADIOLOGICALLY IMPACTED AREA (2 FOOT COVER)
NOT TO SCALE



COVER OVER NON-RADIOLOGICALLY IMPACTED AREA (ASPHALT COVER)
NOT TO SCALE



RA Completion Schedule



IR Sites 07 and 18 RA

- Import and Place Soil Cover Material: Apr 18 – May 31
- Finish Grading and Fence Installation: June 1 – June 14
- Seeding and Soil Stabilization: Jun 14 – Jun 28
- Site Cleanup and Demobilization: Jun 28 – Jun 30
- CDPH Post-Cover Scan of Sites 07 & 18: > Jul 11 (TBD)
- Draft RACR: Sept 15
- Final RACR and RA Fact Sheet: Nov 17

Parcels B, D-1, and G Hot Spots and Stockpiles

- Draft RACR: May 30
- Final RACR and RA Fact Sheet: Jul 30



Barge Offloading Select Fill for Soil Cover





Loader Filling Bottom Dump Truck





Soil Placement on 7/18 Surface





Low Ground Pressure Bulldozer Spreading Soil





Moisture Conditioning and Dust Control





Smooth Drum Compactor Compacting Soil





Compaction Testing





Off-Road Dump Trucks Placing Soil on Hillside





Soil Placement on Hillside





Soil Import, Placement, and Compaction Operation

